

(FILE 'HOME' ENTERED AT 15:28:17 ON 24 JUN 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPUS, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 15:28:25 ON 24 JUN 2003

SEA ANT2 AND ADENINE NUCLEOTIDE

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35 FILE BIOSIS  
3 FILE BIOTECHABS  
3 FILE BIOTECHDS  
30 FILE BIOTECHNO  
5 FILE CABA  
9 FILE CANCERLIT  
46 FILE CAPLUS  
1 FILE DDFU  
53 FILE DGENE  
1 FILE DRUGU  
31 FILE EMBASE  
25 FILE ESBIOWBASE  
2 FILE FEDRIP  
74 FILE GENBANK  
4 FILE IFIPAT  
13 FILE LIFESCI  
32 FILE MEDLINE  
6 FILE PASCAL  
34 FILE SCISEARCH  
2 FILE TOXCENTER  
9 FILE USPATFULL  
1 FILE USPAT2  
4 FILE WPIDS  
4 FILE WPIINDEX

L1 QUE ANT2 AND ADENINE NUCLEOTIDE

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FILE 'CAPLUS, BIOSIS, SCISEARCH, MEDLINE, EMBASE, BIOTECHNO, ESBIOWBASE, LIFESCI, CANCERLIT, USPATFULL, PASCAL, CABA, IFIPAT, WPIDS, BIOTECHDS, FEDRIP, TOXCENTER, DRUGU, USPAT2' ENTERED AT 15:30:14 ON 24 JUN 2003

L2 0 S PURIFIED ANT1 AND ADENINE NUCLEOTIDE  
L3 9 S PURIFIED ANT1  
L4 1 DUP REM L3 (8 DUPLICATES REMOVED)  
L5 0 S L4 AND (MITOCHONDRIA OR MITOCHONDRIAL)  
L6 0 S RECONSTITUTED (5A) ANT1  
L7 0 S PURIFIED ANC1 AND (TRANSLOCATOR OR TRANSLOCASE)  
L8 0 S (RECONSTITUTED (5A) ANC1) AND (TRANSLOCATOR OR TRANSLOCASE)  
L9 0 S PURIFIED T1 AND (TRANSLOCATOR OR CARRIER)  
L10 1705 S RECONSTITUTED (5A) (TRANSLOCATOR OR CARRIER)  
L11 22 S L10 AND (ANT1 OR T1 OR ANC1)  
L12 21 DUP REM L11 (1 DUPLICATE REMOVED)  
L13 0 S L12 AND (MITOCHONDRIA OR MITOCHONDRIAL)  
L14 3 S L12 AND MEMBRANE

L19 ANSWER 3 OF 3 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 2  
AN 93:700128 SCISEARCH  
GA The Genuine Article (R) Number: MG819  
TI THE ANTIREPRESSOR OF PHAGE-P1 ISOLATION AND INTERACTION WITH THE C1  
REPRESSOR OF P1 AND P7  
AU RIEDEL H D; HEINRICH J; HEISIG A; CHOLI T; SCHUSTER H (Reprint)  
CS MAX PLANCK INST MOLEC GENET, IHNESTR 73, D-14195 BERLIN, GERMANY  
CYA GERMANY  
SO FEBS LETTERS, (15 NOV 1993) Vol. 334, No. 2, pp. 165-169.  
ISSN: 0014-5793.  
DT Article; Journal  
FS LIFE  
LA ENGLISH  
REC Reference Count: 23  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*  
AB Two antirepressor proteins, Ant1 and Ant2, of molecular weight 42 and 32 kDa, respectively, are encoded by P1 as a single open reading frame, with the smaller protein initiating at an in-frame start codon. Another open reading frame, icd, 5' upstream of and overlapping ant1 is required for ant1 expression. Using appropriate ant gene-carrying plasmids we have overproduced and purified Ant1/2 in the form of a protein complex and Ant2 as a single protein. Sequence analysis confirmed the N-terminal amino acids predicted from the DNA sequence of ant1/ant2, except that the N-terminal methionine is missing in the Ant2 protein. Under appropriate conditions the C1 repressors of phages P1 and P7 specifically co-precipitate with the Ant1/2 complex but not with Ant2 protein alone. The results suggest that the antirepressor may exert its C1-inactivating function by a direct protein-protein interaction.

P1A for  
Ant1 OR  
Ant2